

Form PTO-1449 (modified)

Atty. Docket N .
UTSC:484USC1/TMBSerial No.
09/943,984

List of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

RECEIVED

MAR 13 2002

Applicants
Mien-Chie Hung and Naoto T. UenoFiling Date:
August 31, 2001Group: TECH CENTER 1600/2900
1632U.S. Patent Documents
*See Page 1*Foreign Patent Documents
*See Page 1*Other Art
See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>dc</i>	A1	5,643,567	7/01/97	Hung, <i>et al.</i>			
	A2	5,641,484	6/24/97	Hung <i>et al.</i>	424	93.2	
	A3	4,394,448	7/19/83	Szoka, Jr. <i>et al.</i>	435	172	
	A4	5,776,743	7/7/98	Frisch			
	A5	5,651,964	7/9/97	Hung <i>et al.</i>	424	93.2	
	A6	5,814,315	9/29/98	Hung <i>et al.</i>	424	93.2	
<i>dc</i>	A7	6,271,207	8/7/01	Cristiano <i>et al.</i>	514	44	

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
<i>dc</i>	B1	WO 95/16051	06-15-95	PCT			
	B2	WO 95/13813 A	05/26/95	PCT			
	B3	WO 94/21115	09/29/94	PCT			
	B4	WO 93/03769	03/04/93	PCT			
	B5	WO 92/10573 A	06/25/92	PCT			
	B6	WO 90/15595	12/27/90	PCT			
<i>dc</i>	B7	WO 90/08759 A	08/09/90	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>dc</i>	C1	Akiyama <i>et al.</i> , "Genistein, a Specific Inhibitor of Tyrosine-Specific Protein Kinases," <i>J. Biol. Chem.</i> , 262(12):5592-5595, 1987.

25083033.1

Examiner: *Deborah Conner* Date Considered: 11-15-04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS
ORIGINALLY FILED

Form PTO-1449 (modified)

Atty. Docket No.
UTSC:484USC1/TMBSerial N .
09/943,984

List of Patents and Publications for Applicant's

Applicants
Mien-Chie Hung and Naoto T. Ueno

RECEIVED.

MAR 13 2002

TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>de</i>	C2	Bacus <i>et al.</i> , Differentiation of cultured human breast cancer cells (AU-565) and MCF-7) associated with loss of cell surface HER-2/neu antigen. <i>Mol. Carcinog.</i> , 3:350-362, 1990.
	C3	Bacus, <i>et al.</i> , Tumor-inhibitory monoclonal antibodies to the HER-2/neu receptor induce differentiation of human breast cancer cells. <i>Cancer Res.</i> 52: 2580-2589, 1992.
	C4	Bargmann & Weinberg, "Increased Tyrosine Kinase Activity Associated with the Protein Encoded by the Activated <i>neu</i> Oncogene," <i>Proc. Natl. Acad. Sci. USA</i> , 85:5394-5398, 1988.
	C5	Bargmann <i>et al.</i> , "Multiple Independent Activations of the <i>neu</i> Oncogene by a Point Mutation Altering the Transmembrane Domain of p185," <i>Cell</i> , 45:649-657, 1986.
	C6	Bargmann <i>et al.</i> , "The <i>neu</i> Oncogene Encodes an Epidermal Growth Factor Receptor-Related Protein," <i>Nature</i> , 319:226-230, 1986.
	C7	Berk and Sharp, "Structure of the Adenovirus 2 Early mRNAs," <i>Cell</i> , 14:695-711, 1978.
	C8	Berk, "Adenovirus Promoters and E1A Transactivation," <i>Ann. Rev. Genet.</i> , 20:45-79, 1986.
	C9	Bishop JM "The molecular genetics of cancer," <i>Science</i> , 235 (4786), p305-11, 1987.
	C10	Brader et al., "Adenovirus E1A Expression Enhances the Sensitivity of an Ovarian Cancer Line to Multiple Cytotoxic Agents Through an Apoptotic Mechanisms," Proceedings of the American Association for Cancer Research, 37:30, 1996. (abstract)
	C11	Brunet <i>et al.</i> , "Concentration Dependence of Transcriptional Transactivation in Inducible E1A-Containing Human Cells," <i>Mol. Cell. Bio.</i> , 8(11):4799-4807 (1988).
	C12	Buchman <i>et al.</i> , Appendix A: The SV40 Nucleotide Sequence, <i>DNA Tumor Viruses</i> , 799-813.
	C13	Chan <i>et al.</i> , "Selective inhibition of the growth of <i>ras</i> -transformed human bronchial epithelial cells by emodin, a protein-tyrosine inhibitor," <i>Biochem. Biophys. Res. Commun.</i> , 193:1152-1158, 1993.
<i>de</i>	C14	Chang, <i>et al.</i> , "Paclitaxel by 3-hour infusion followed by 96-hour infusion on failure in patients with refractory malignant disease," <i>Seminars in Oncology</i> , 22(3, Supp.6):124-127, 1995.

25083033.1

Examiner: *Dileepa Chonch* Date C nsid red: 11/15/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

Atty. Docket N .
UTSC:484USC1/TMBSerial No.
09/943,984

List of Patents and Publications for Applicant's

Applicants

Mien-Chie Hung and Naoto T. Ueno

RECEIVED

MAR 5 2002

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

August 31, 2001

Group:

TECH CENTER 1600/2900

1632

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
dc	C15	Chevalier, Fumoleau, Kerbrat, Dieras, Roche, Krakowski, Azli, Bayssas, Lentz, Van Glabbeke, "Decetaxel is a major cytotoxic drug for the treatment of advanced breast cancer: a phase II trial of the Clinical Screening Cooperative Group of the European Organization for Research and Treatment of Cancer," <i>J Clin. Oncol.</i> , 13:314-322, 1995.
	C16	Coussens <i>et al.</i> , "Tyrosine Kinase Receptor with Extensive Homology to EGF Receptor Shares Chromosomal Location with <i>neu</i> Oncogene," <i>Science</i> , 230:1132-1139, 1985.
	C17	Douglas <i>et al.</i> , "Modulation of transformation of primary epithelial cells by the second exon of the Ad55 E1A12S gene," <i>Oncogene</i> , 6:2093-2103, 1991.
	C18	Downward <i>et al.</i> , "Close Similarity of Epidermal Growth Factor Receptor and v-erb-B Oncogene Protein Sequences," <i>Nature</i> , 307:521-527, 1984.
	C19	Egan <i>et al.</i> , "Transformation by Oncogenes Encoding Protein Kinases Induces the Metastatic Phenotype," <i>Science</i> , 238:202-205, 1987.
	C20	Felgner <i>et al.</i> , "Gene Therapeutics: The Direct Delivery of Purified Genes <i>in vivo</i> and Their Application as Drugs, Without the Use of Retroviruses, Is Discussed," <i>Nature</i> , 349:351-352 (1991).
	C21	Felgner, P.L., and Ringold, G.M., Cationic liposome-mediated transfection, <i>Nature</i> , 337:387-388, 1989.
	C22	Figge <i>et al.</i> , "Prediction of Similar Transforming Regions in Simian Virus 40 Large T, Adenovirus E1A, and <i>myc</i> Oncoproteins," <i>Journal of Virology</i> , 62:(5)1814-1818, 1988.
	C23	Freedman and Shin, "Use of Nude Mice for Studies on the Tumorigenicity of Animal Cells," <i>The Nude Mouse in Experimental and Clinical Research</i> , 1978.
	C24	Friche <i>et al.</i> , "Effect of anthracycline analogs on photolabelling of p-glycoprotein by [125I]iodomycin and [3H]azidopine: relation to lipophilicity and inhibition of daunorubicin transport in multidrug resistant cells," <i>Br. J. Cancer</i> , 67(2):226-231, 1993.
	C25	Frisch <i>et al.</i> , "Adenovirus E1A Represses Protease Expression and Inhibits Metastasis of Human Tumor Cells," <i>Oncogene</i> , 5:75-83 (1990).
dc	C26	Fung <i>et al.</i> , "Activation of the Cellular Oncogene c-erbB by LTR Insertion: Molecular Basis for Induction of Erythroblastosis by Avian Leukosis Virus," <i>Cell</i> , 33:357-368, 1983.

25083033.1

Examiner: *Deborah Cronch* Date Considered: 11/15/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS

ORIGINALLY FILED

Form PTO-1449 (modified)

Atty. Docket N.
UTSC:484USC1/TMBSerial No.
09/943,984

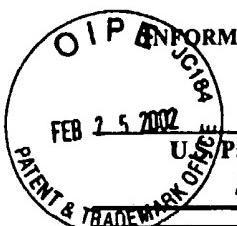
List of Patents and Publications for Applicant's

Applicants

Mien-Chie Hung and Naoto T. Uen

RECEIVED

MAR 13 2002



(Use several sheets if necessary)

Filing Date:
August 31, 2001Group:
1632

TECH CENTER 1600/2900

U.S. Patent Documents

See Page I

Foreign Patent Documents

See Page I

Other Art

See Page I

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>al</i>	C27	Gazit <i>et al.</i> , "Chemo-adoptive immunotherapy of nude mice implanted with human colorectal carcinoma and melanoma cell lines," <i>Cancer Immunology Immunotherapy</i> , 35:135-144, 1992.
	C28	Giovanella, Stehlin, Shepard, Williams, "Correlation between response to chemotherapy of human tumors in patients and in nude mice," <i>Cancer</i> , 52:1146-1152, 1982.
	C29	Goo, X., and Huang, L., A Novel Cationic Liposome Reagent for Efficient Transfection of Mammalian Cells, <i>Biochemical and Biophysical Research Communication</i> , 179:(1)280-285, 1991.
	C30	Haley <i>et al.</i> , "Transformation Properties of Type 5 Adenovirus Mutants that Differentially Express the E1A Gene Products," <i>Proc. Natl. Acad. Sci. USA</i> , 81:5734-5738, 1984.
	C31	Harlow <i>et al.</i> , "Monoclonal Antibodies Specific for Adenovirus Early Region 1A Proteins: Extensive Heterogeneity in Early Region 1A Products," <i>J. of Virology</i> , 55(3):533-546 (1985).
	C32	Hearng <i>et al.</i> , "Sequence-Independent Autoregulation of the Adenovirus Type 5 E1A Transcription Unit," <i>Mol. Cell. Bio.</i> , 5(11):3214-3221 (1985).
	C33	Houweling <i>et al.</i> , "Partial Transformation of Primary Rat Cells by the Leftmost 4.5% Fragment of Adenovirus 5 DNA," <i>J. Virology</i> , 105:537-550, 1980.
	C34	Hudziak <i>et al.</i> , "Amplified Expression of the HER2/ERBB2 Oncogene Induces Resistance to Tumor Necrosis Factor α in NIH 3T3 Cells," <i>Proc. Natl. Acad. Sci. USA</i> , 85:5102-5106, 1988.
	C35	Hudziak <i>et al.</i> , "Increased expression of the putative growth factor p185 β causes transformation and tumorigenesis of NIH 3T3 cells," <i>Proc. Natl. Acad. Sci. USA</i> , 84:7159-7163, 1987.
	C36	Hung <i>et al.</i> , "Amplification of the proto- <i>neu</i> oncogene facilitates oncogenic activation by a single point mutation," <i>Proc. Natl. Acad. Sci. USA</i> , 86:2545-2548, 1989.
	C37	Hung <i>et al.</i> , "Molecular cloning of the <i>neu</i> gene: absence of gross structural alteration in oncogenic alleles," <i>Proc. Natl. Acad. Sci. USA</i> , 83:261-264, 1986.
	C38	Hung, "The <i>neu</i> Proto-Oncogene and Breast Cancer," <i>Cancer Bull.</i> , 40:300-303, 1988.
<i>DC</i>	C39	Hung, <i>et al.</i> , "Transcriptional Repression of the HER-2/ <i>neu</i> Protooncogene by Transforming Oncogenes from DNA Tumor Virus," Proceedings of the American Association for Cancer Research, Washington, DC, 31:13, Abstract No. 74.

25083033.1

Examiner: *Deborah Cronin* | Date Considered: 11-15-04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS
ORIGINALLY FILED

Page 5 f 12

Form PTO-1449 (modified)

Atty. Docket No.
UTSC:484USC1/TMBSerial N .
09/943,984

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

RECEIVED

MAR 13 2002

FEB 25 2002

O I P E S C

P A T E N T & T R A D E M A R K O F F I C E

Applicants
Mien-Chie Hung and Naot T. Uen

Filing Date:

August 31, 2001

Group:

1632

TECH CENTER 1600/2900

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>de</i>	C40	Jayasuriya <i>et al.</i> , "Emodin, a protein tyrosine kinase inhibitor from <i>Polygonum cuspidatum</i> ," <i>J. Nat. Prod.</i> , 55:696-698, 1992.
	C41	Jinsart <i>et al.</i> , "Inhibition of Myosin Light Chain Kinase, cAMP-Dependent Protein Kinase, Protein Kinase C and of Plant CA-Dependent Protein Kinase by Anthraquinones," <i>Biological Chemistry</i> , 373:903-910, 1992.
	C42	Kalderon, D., and Smith, A.E., " <i>In Vitro</i> Mutagenesis of a Putative DNA Binding Domain of SV40 Large-T," <i>Virology</i> , 139:109-137, 1984.
	C43	Katsumata <i>et al.</i> , "Prevention of breast tumor development <i>in vivo</i> by down-regulation of the p185 ^{neu} receptor" <i>Nature Med.</i> , 1: 644-648. 1995
	C44	Kelner, Mcmorris, Estes, Starr, Samson, Varki, Taetle, "Nonresponsiveness of the metastatic human lung carcinoma MV522 xenograft to conventional anticancer agents," <i>Anticancer Res.</i> , 15:867-872, 1995.
	C45	Kern <i>et al.</i> , "p185 ^{neu} expression in human lung adenocarcinomas predicts shortened survival," <i>Cancer Res.</i> , 50:5184-5191, 1990.
	C46	Kiyokawa N ; Yan DH; Brown ME; Hung MC "Cell cycle-dependent regulation of p185 ^{neu} : a relationship between disruption of this regulation and transformation." <i>Proc Natl Acad Sci USA</i> , 92 (4) p1092-61995.
	C47	Kraus <i>et al.</i> , "Overexpression of the EGF Receptor-Related Proto-Oncogene erbB-2 in Human Mammary Tumor Cell Lines by Different Molecular Mechanisms," <i>EMBO J.</i> , 6(3):605-610, 1987.
	C48	Kupchan and Karim, "Tumor Inhibitors 114. Aloe Emodin: Antileukemia Principle Isolated from <i>Rhamnus frangula</i> ," <i>L. Lloydia</i> , 39:223-224, 1976.
	C49	Land <i>et al.</i> , "Cellular Oncogenes and Multistep Carcinogenesis," <i>Science</i> , 222:771-776, 1983.
	C50	Lee, Bruckner, Szrajer, Brenne, Schindelheim, Andretti, "Taxol inhibits growth of Mesothelioma xenografts," <i>Anticancer Res.</i> , 15:693-696, 1995.
<i>de</i>	C51	Lehvastlaiho <i>et al.</i> , "A chimeric EGF-R-neu proto-oncogene allows EGF to regulate <i>neu</i> tyrosine kinase and cell transformation," <i>EMBO Journal</i> , 8:(1)159-166, 1989.

25083033.1

Examiner: *Reverah Conch* | Date Considered: 11/15/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS
ORIGINALLY FILED

Form PTO-1449 (modified)

Atty. Docket No.
UTSC:484USC1/TMBSerial No.
09/943,984

List of Patents and Publications for Applicant's

Applicants
Mien-Chie Hung and Naot T. Ueno

RECEIVED

MAR 13 2002

O I P INFORMATION DISCLOSURE STATEMENT

FEB 25 2002

(Use several sheets if necessary)

Filing Date:
August 31, 2001Gr up:
1632 TECH CENTER 1600/2900

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
dl	C52	Leibiger <i>et al.</i> , "Expression of exogenous DNA in rat liver cells after liposome-mediated transfection <i>in vivo</i> ," <i>Biochemical and Biophysical Research Communications</i> , 174:(3)1223-1231, 1991.
	C53	Li <i>et al.</i> , "Method of Identifying Inhibitors of Oncogenic Transformation: Selective Inhibition of Cell Growth in Serum-Free Medium," <i>Oncogene</i> , 8:1731-1735, 1993.
	C54	Lichtenstein <i>et al.</i> , "Resistance of Human Ovarian Cancer Cells to Tumor Necrosis Factor and Lymphokine-Activated Killer Cells: Correlation with Expression of HER2/neu Oncogenes," <i>Cancer Research</i> , 50:7364-7370, 1990.
	C55	Liu <i>et al.</i> , "Evidence for Involvement of Tyrosine Phosphorylation in Taxol-Induced Apoptosis in a Human Ovarian Tumor Cell Line," <i>Biochem. Pharmacol.</i> , 48(6):1265-1272, 1994.
	C56	Lupu <i>et al.</i> , "Direct Interaction of a Ligand for the erbB2 Oncogene Product with the EGF Receptor and p185erbB2," <i>Science</i> , 249:1552-1554, 1990.
	C57	Matin and Hung, "Negative Regulation of the Neu Promoter by the SV40 Large T Antigen," <i>Cell Growth & Differentiation</i> , 4:1051-1056, 1993.
	C58	Matin, "Regulation of neu gene expression by the simian virus 40 large T antigen and tumor suppressors Rb and p53," <i>Diss. Abstr. Int. B</i> , 54(5):2365, 1993.
	C59	Minna <i>et al.</i> , "Cancer of the lung," In: Devita, V.T., Hellmen, S., Rosenberg, S.A. (eds.) <i>In: Principles and Practice of Oncology</i> , Philadelphia: J.B. Lippincott, pp591-705, 1989.
	C60	Montell <i>et al.</i> , "Complete Transformation by Adenovirus 2 Requires Both E1A Proteins," <i>Cell</i> , 36:951-961, 1984.
	C61	Moran <i>et al.</i> , "Multiple Functional Domains in the Adenovirus E1A Gene," <i>Cell</i> , 48:177-178 (1987).
	C62	Müller <i>et al.</i> , "Differential Expression of Cellular Oncogenes During Pre- and Postnatal Development of the Mouse," <i>Nature</i> , 299:640-644, 1982.
	C63	Muller <i>et al.</i> , "Single-Step Induction of mammary adenocarcinoma in transgenic mice bearing the activated c-neu oncogene," <i>Cell</i> , 54:105-115, 1988.
dl	C64	Muthuswamy <i>et al.</i> , "Mammary tumors expressing the neu proto-oncogene possess elevated c-src tyrosine kinase activity," <i>Mol. Cell. Biol.</i> , 14:735-743, 1994.

25083033.1

Examiner: Debrah Conch | Date Considered: 11/15/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Form PTO-1449 (modified) COPY OF PAPERS
ORIGINALLY FILED**Atty. Docket No.
UTSC:484USC1/TMBSerial No.
09/943,984**RECEIVED**

List of Patents and Publications for Applicant's

Applicants

Mien-Chie Hung and Naoto T. Uen

MAR 13 2002

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
August 31, 2001Group:
1632

TECH CENTER 1600/2900

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>dc</i>	C65	Nabel <i>et al.</i> , "Site-Specific Gene Expression in Vivo by Direct Gene Transfer into the Arterial Wall," <i>Science</i> , 249:1285-88 (1990).
	C66	Nicolau <i>et al.</i> , Liposomes as Carriers for Gene Transfer <i>in Vivo</i> , <i>Biology Cell</i> , 47:121-130, 1983.
	C67	Nicolau <i>et al.</i> , Liposomes as Carriers for <i>in Vivo</i> Gene Transfer and Expression, <i>Methods in Enzymology</i> , 149:157-177, 1987.
	C68	Nicolau <i>et al.</i> , Liposomes for Gene Transfer and Expression <i>in Vivo</i> , <i>Colloids and Surfaces</i> , 14:325-337, 1985.
	C69	Offringa <i>et al.</i> , "A Novel Function of the Transforming Domain of Ela: Repression of AP-1 Activity," <i>Cell</i> , 62:527-538, 1990.
	C70	Plowman <i>et al.</i> , "Ligand-specific activation of HER4/p180 ^{erbB4} , a fourth member of the epidermal growth factor family," <i>Proc. Natl. Acad. Sci. USA</i> 90:1746-1750, 1993.
	C71	Pozzatti <i>et al.</i> , "Primary Rat Embryo Cells Transformed by One or Two Oncogenes Show Different Metastatic Potentials," <i>Science</i> , 232:223-227, 1986.
	C72	Pozzatti <i>et al.</i> , "The Ela Gene of Adenovirus Type 2 Reduces the Metastatic Potential of <i>ras</i> -Transformed Rat Embryo Cells," <i>Mol. Cell Biol.</i> , 8(7):2984-2988, 1988.
	C73	Reardon, D.B. and M. Hung, "Downstream Signal Transduction Defects That Suppress Transformation in Two Revertant Cell Lines Expressing Activated Rat <i>neu</i> Oncogene," <i>J. Biol. Chem.</i> , 268(24):18136-18142, 1993.
	C74	Ruley, "Adenovirus Early Region 1A Enables Viral and Cellular Transforming Genes to Transform Primary Cells in Culture," <i>Nature</i> , 304:602-606 (1983).
	C75	Rustgi <i>et al.</i> , "Amino-terminal domains of c-myc and N-myc proteins mediate binding to the retinoblastoma gene product," <i>Nature</i> , 352:541-544, 1991.
	C76	Sassone-Corsi & Borrelli, "Promoter Trans-Activation of Protooncogenes c-fos and c-myc, but not c-Ha-ras, by Products of Adenovirus Early Region 1A," <i>Proc. Natl. Acad. Sci. USA</i> , 84:6430-6433, 1987.
<i>dc</i>	C77	Schechter <i>et al.</i> , "The <i>neu</i> oncogene: an <i>erb-B</i> -related gene encoding a 185,000-M _r tumour antigen," <i>Nature</i> , 312:513-516, 1984.

25083033.1

Examiner: *Deborah Conch* Date Considered: 11/18/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)		COPY OF PAPERS ORIGINALLY FILED	Atty. Docket N . UTSC:484USC1/TMB	Serial N . 09/943,984
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicants Mien-Chie Hung and Na t T. Ueno	RECEIVED MAR 13 2002	
		Filing Date: August 31, 2001	Gr up: TECH CENTER 1600/2900 1632	
U.S. Patent Documents <i>See Page 1</i>		Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

*O I P E 101A
FEB 25 2002
PATENT & TRADEMARK OFFICE*

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>dc</i>	C78	Schecter <i>et al.</i> , "The <i>neu</i> Gene: An <i>erbB</i> -Homologous Gene Distinct from and Unlinked to the Gene Encoding the EGF Receptor," <i>Science</i> , 229:976-978, 1985.
	C79	Schneider <i>et al.</i> , "Differential expression of the <i>c-erbB-2</i> gene in human non-small cell lung cancer," <i>Cancer Res.</i> , 49:4968-4971, 1981.
	C80	Semba <i>et al.</i> , "A v- <i>erbB</i> -related protooncogene, <i>c-erbB-2</i> , is distinct from the <i>c-erbB-1</i> /epidermal growth factor-receptor gene and is amplified in a human salivary gland adenocarcinoma," <i>Proc. Natl. Acad. Sci. USA</i> , 82:6497-6501, 1985.
	C81	Senear <i>et al.</i> , "Morphological Transformation of Established Rodent Cell Lines by High-Level Expression of the Adenovirus Type 2 Ela Gene," <i>Mol. Cell. Bio.</i> , 6(4):1253-1260 (1986).
	C82	Seshadri <i>et al.</i> , "The Significance of Oncogene Amplification in Primary Breast Cancer," <i>Int. J. Cancer</i> , 43:270-272, 1989.
	C83	Shepard, H. M. and G. D. Lewis, "Resistance of Tumor Cells to Tumor Necrosis Factor," <i>J. of Clin. Immunol.</i> 8(5):333-341, 1988.
	C84	Shih <i>et al.</i> , "Transforming genes of carcinomas and neuroblastomas introduced into mouse fibroblasts", <i>Nature (London)</i> , 290:261-264, 1981.
	C85	Shih <i>et al.</i> , "Transforming Genes of Carcinomas and Neuroblastomas Introduced into Mouse Fibroblasts," <i>Nature</i> 290:261-264, 1981.
	C86	Shin, "Use of Nude Mice for Tumorigenicity Testing and Mass Propagation," <i>Methods in Enzymology</i> , 58:370-379, 1979.
	C87	Siegel PM; Dankort DL; Hardy WR; Muller WJ, "Novel activating mutations in the <i>neu</i> proto-oncogene involved in induction of mammary tumors." <i>Mol Cell Biol</i> , 14 (11) p7068-77, 1994.
	C88	Sistonen <i>et al.</i> , "Activation of the <i>neu</i> tyrosine kinase induces the fos/jun transcription factor complex, the glucose transporter, and ornithine decarboxylase," <i>J. Cell. Biol.</i> , 109:1911-1919, 1989.
	C89	Slamon <i>et al.</i> , "Human Breast Cancer: Correlation of Relapse and Survival with Amplification of the HER-2/ <i>neu</i> Oncogene," <i>Science</i> , 235:177-182, 1987.
<i>dc</i>	C90	Slamon <i>et al.</i> , "Studies of the HER2/ <i>neu</i> proto-oncogene in human breast and ovarian cancer," <i>Science</i> , 244:707-712, 1989.

25083033.1

Examiner: *Deborah Cornell* Dat Consid r d: *11/15/04*

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)		COPY OF PAPERS ORIGINALLY FILED	Atty. Docket No. UTSC:484USC1/TMB	Serial No. 09/943,984
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicants Mien-Chie Hung and Naoto T. Ueno		RECEIVED MAR 13 2002
		Filing Date: August 31, 2001	Group: 1632	TECH CENTER 1600/2900
U.S. Patent Documents <i>See Page 1</i>		Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>dl</i>	C91	Smith & Ziff, "The Amino-Terminal Region of the Adenovirus Serotype 5 E1a Protein Performs Two Separate Functions when Expressed in Primary Baby Rat Kidney Cells," <i>Mol. Cell Biol.</i> , 8(9):3882-3890, 1988.
	C92	Spandidos DA; Yiagnisis M; Papadimitriou K; Field JK "ras, c-myc and c-erbB-2 oncoproteins in human breast cancer," <i>Anticancer Res.</i> 9 (5) p1385-93, 1989
	C93	Steeg <i>et al.</i> , "Altered Expression of NM23, a Gene Associated with Low Tumor Metastatic Potential, during Adenovirus 2 E1a Inhibition of Experimental Metastasis," <i>Cancer Res.</i> , 48:6550-6554, 1988.
	C94	Stern, Heffernan, Weinberg, "p185, a product of the neu proto-oncogene, is a receptor like protein associated with tyrosine kinase activity," <i>Mol. Cell. Biol.</i> , 6:1729-1740, 1986.
	C95	Suen <i>et al.</i> , "Transcriptional Regulation of Neu Oncogene," <i>Breast Cancer Research and Treatment</i> , 14(1):Abstract 213, 1989.
	C96	Suen, T., and Hung, M., "Multiple cis- and trans-Acting Elements Involved in Regulation of the neu Gene," <i>Molecular and Cellular Biology</i> , 10:(12)6306-6315, 1990.
	C97	Teramoto <i>et al.</i> , "Serum Enzyme Immunoassay Kit for the Detection of c-erbB-2 Oncoprotein," Annual AACI Meeting, Abstract # 1446, 1991.
	C98	Tooze, J., "Comparison of the Regions of Polyoma Virus and SV40 That Code for Small and Large T Antigens," <i>Molecular Biology of Tumor Viruses</i> , 2nd ed. Part 2, 857-861.
	C99	Tsai <i>et al.</i> , "Correlation of intrinsic chemoresistance of non-small-cell lung cancer cell lines with HER-1/neu gene expression but not with ras gene mutations," <i>J. Natl. Cancer Inst.</i> , 85:897-901, 1993.
	C100	Tsai <i>et al.</i> , "Enhanced chemoresistance by elevation of the levels of p184neu in the HER-2/neu transfected human lung cancer cells," <i>J. Natl. Cancer Inst.</i> , 87:682-684, 1995.
	C101	Tzeng <i>et al.</i> , "Breast cancer formation in transgenic animals induced by the whey acidic protein SV40 T antigen (WAP-SV-T) hybrid gene," <i>Oncogene</i> , 8:1965-1971, 1993.
<i>dl</i>	C102	Ullrich, A., and J. Schlessinger, "Signal Transduction by Receptors with Tyrosine Kinase Activity," <i>Cell</i> , 61:203-212, 1990.

25083033.1

Examiner: *Deborah Cronch* | Date Considered: *11/18/04*

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**COPY OF PAPERS
ORIGINALLY FILED**
Form PTO-1449 (modified)
 Atty. Docket No. **UTSC:484USC1/TMB**
 Serial N .
09/943,984

List of Patents and Publications for Applicant's

Applicants
Mien-Chie Hung and Naoto T. Ueno
RECEIVED**MAR 13 2002****INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Filing Date:
August 31, 2001
Group:
1632
TECH CENTER 1600/2900

S. Patent Documents
See Page 1
Foreign Patent Documents
See Page 1
Other Art
See Page 1
Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C103	van de Vijver et al., "NEU-Protein OverExpression in Breast Cancer: Association with Comedo-Type Ductal Carcinoma <i>in situ</i> and Limited Prognostic Value in Stage II Breast Cancer," <i>The New England Journal of Medicine</i> , 319(19):1239-1245, 1988.
	C104	Vousden and Jat, "Functional Similarity between HPV16E7, SV40 Large T and Adenovirus E1a Proteins," <i>Oncogene</i> , 4:153-158, 1989.
	C105	Wallich et al., "Abrogation of Metastatic Properties of Tumour Cells by <i>de novo</i> Expression of H-2K Antigens Following H-2 Gene Transfection," <i>Nature</i> , 315:301-305, 1985.
	C106	Weinberg, R.A., "The Action of Oncogenes in the Cytoplasm and Nucleus," <i>Science</i> , 230:770-776, 1985.
	C107	Weiner et al., "Expression of the <i>neu</i> gene-encoded protein (p185 ^{neu}) in human non-small cell carcinomas of the lung," <i>Cancer Res.</i> , 50:421-425, 1990.
	C108	Whyte et al., "Association between an Oncogene and an Anti-Oncogene: The Adenovirus E1A Proteins Bind to the Retinoblastoma Gene Product," <i>Nature</i> , 334:124-129 (1988).
	C109	Whyte et al., "Two Regions of the Adenovirus Early Region 1A Proteins Are Required for Transformation," <i>J. Virol.</i> , 62(1):257-265, 1988.
	C110	Whyte et al., "Cellular Targets for Transformation by the Adenovirus E1A Proteins," <i>Cell</i> , 56:67-75, 1989.
	C111	Wolff et al., "Differential Effects of the Simian Virus 40 Early Genes on Mammary Epithelial Cell Growth, Morphology, and Gene Expression," <i>Experimental Cell Research</i> , 202:67-76, 1992.
	C112	Yamamoto et al., "Similarity of protein encoded by the human <i>c-erbB-2</i> gene to epidermal growth factor receptor," <i>Nature</i> , 319: 230-234, 1986.
	C113	Yarden and Weinberg, "Experimental Approaches to Hypothetical Hormones: Detection of a Candidate Ligand of the <i>neu</i> Protooncogene," <i>Proc. Natl. Acad. Sci. USA</i> , 86:3179-3183, 1989.
	C114	Yu and Hung, "Expression of activated rat <i>neu</i> oncogene is sufficient to induce experimental metastasis in 3T3 cells," <i>Oncogene</i> , 6:1991-1996, 1991.
	C115	Yu et al., "Overexpression of <i>c-erbB-2/neu</i> in breast cancer cells confers increased resistance to Taxol via mdr-1 independent mechanisms," <i>Oncogene</i> , 13:1359-1365, 1996.

25083033.1

Examiner: *Deborah Cronch* Date Considered: *1/15/04*

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

Atty. Docket No.
UTSC:484USC1/TMBSerial No.
09/943,984

List of Patents and Publications for Applicant's

Applicants
Mien-Chie Hung and Naot T. Uen

RECEIVED

MAR 13 2002

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
August 31, 2001Gr up:
1632

TECH CENTER 1600/2900

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>de</i>	C116	Yu <i>et al.</i> , "Adenovirus Type 5 E1A Gene Products Act as Transformation Suppressors of the <i>neu</i> Oncogene," <i>Mol. Cell. Bio.</i> , 11(3):1745-1750 (1991).
	C117	Yu <i>et al.</i> , "C-erbB-2/neu overexpression enhanced metastatic potential in human lung cancer cells by induction of metastasis-associated properties," <i>Cancer Res.</i> , 54:3260-3266, 1994.
	C118	Yu <i>et al.</i> , "Enhanced c-erbB-2/neu expression in human ovarian cancer cells correlates with more severe malignancy that can be suppressed by E1A," <i>Cancer Res.</i> , 53:891-898, 1993.
	C119	Yu <i>et al.</i> , Manuscript - "Enhanced c-erbB-2/neu expression in human ovarian cancer cells correlates with more severe malignancy that can be suppressed by E1A (1992)
	C120	Yu, <i>et al.</i> , "Transcriptional repression of the <i>neu</i> Protooncogene by the Adenovirus 5 E1A Gene Products," <i>Proc Natl Acad Sci USA</i> , 87:4499-4503, 1990.
	C121	Yusa, Sugimot, Yamori, Yamamoto, Toyoshima, Tsuruo, "Low metastatic potential of clone from murine colon adenocarcinoma 26 increased by transfection of activated c-erb B-2 gene," <i>J. Natl. Cancer Inst.</i> , 82:1633-1636, 1990.
	C122	Zhang and Hung, "Sensitization of HER-2/neu-overexpressing Non-Small Cell Lung Cancer Cells to Chemotherapeutic Drugs by tyrosine kinase Inhibitor Emnidin," <i>Oncogene</i> 12:571-576, 1996.
	C123	Zhang et al., "Emnidin Inhibits Growth of Human Breast Cancer Cells and Induces Morphological Differentiation of These Cells by Its Suppression of HER-2/neu Tyrosine Kinase Activity," Abstract #2595, Experimental Therapeutics: Proceedings of the American Association for Cancer Research, 36:435, 1995.
	C124	Zhang <i>et al.</i> , "Amplification and Rearrangement of c-erb B Proto-Oncogenes in Cancer of Human Female Genital Tract," <i>Oncogene</i> , 4:985-989, 1989.
	C125	Zhang, Chang, Hung, "Suppressed transformation and induced differentiation of HER-2/neu-overexpressing breast cancer cells by emnidin," <i>Cancer Res.</i> , 55:3890-3896, 1995.
<i>de</i>	C126	Zhang, Higuchi, Totpal, Chaturvedi, Aggarwal, "Staurosporine induces the cell surface expression of both forms of human tumor necrosis factor receptors on myeloid and epithelial cells and modulates ligand-induced cellular response," <i>J. Biol. Chem.</i> , 269:10270-10279, 1994.

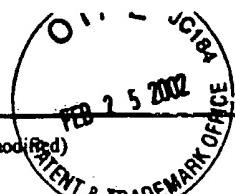
25083033.1

Examiner:

Deborah Conklin Date Considered: 11/15/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)



List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Arty Docket No. Serial N .
U'SC:484USC1/TMB 09/943,984

Applicants

Micn-Chie Hung and Naoto T. Ueno

RECEIVED

MAR 13 2002

Filing Date:
August 31, 2001Gr up:
1632 TECH CENTER 1600/2900

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>dc</i>	C127	Zhang, Nakaya, Yoshida, Kuroiwa, "Bufalin as a potent inducer of differentiation of human myeloid leukemia cells," <i>Biochem. Biophys. Res. Commu.</i> , 178, 686-693, 1991.
	C128	Zhau, <i>et al.</i> , "Amplification and expression of the c-erb B-2/neu proto-oncogene in human bladder cancer", <i>Chemical Abstracts</i> , 114(21):205-Abstract No. 114:200732Z, 1991.
	C129	Zhou, <i>et al.</i> , "A Retrovirus Vector which Transduces a Functional Estrogen Receptor Gene at High Efficiency," <i>Mol. Endocrinology</i> , 3(7):1157-1164, 1989.
	C130	International Search Report dated July 7, 1997 (UTFC:484P)
	C131	Ueno <i>et al.</i> , "E1A Paclitaxel Sensitization in HER-2neu-overexpressing Ovarian Cancer SKOV3.ip1 through Apoptosis Involving the Capspe-3 Pathway", <i>Clinical Cancer Research</i> , 6:250-259, 2000.
	C132	Lowe <i>et al.</i> , "p53-Dependant Apoptosis Modulates the Cytotoxicity of Anticancer Agents," <i>Cell</i> , 74:957-967, 1993.
	C133	Thatcher <i>et al.</i> <i>Cancer</i> , 63:1296-1302, 1989.
	C134	Valenti <i>et al.</i> , <i>Eur. J. Cancer</i> , 29A:1157-1161, 1993.
<i>dc</i>	C135	Pietras <i>et al.</i> , <i>Oncogene</i> , 9:1829-1838, 1994.

25083033.1

Examiner:

Deborah Conner

Dat C nsider d:

11/15/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.